

Attorney's Docket No. 9040-7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Thomas Boucino  
Serial No.: 09/591,349  
Filed: June 9, 2000  
For: COMMUNICATIONS CABLES WITH ISOLATORS

PATENT

#10/ *duh*  
*Dec.*  
*Permanis*  
*3.27.02*

Date: February 19, 2002

Box Non-Fee Amendment  
Commissioner for Patents  
Washington, DC 20231

**RULE 131 DECLARATION OF THOMAS J. BOUCINO**

I, Thomas J. Boucino, do declare and say as follows:

1. I am the named inventor of the above-captioned patent application, and I have read and understood same.
2. I am currently employed by CommScope, Inc. (CommScope) as a Product Development Engineer and as the Copper Laboratory Manager. I received my Bachelor of Science Degree in Electrical Engineering from Clemson University in Clemson, South Carolina in 1995. In 1996 I joined CommScope and have worked in research and product development positions since then.
3. Prior to and/or on May 16, 1997, a drawing was created of tooling for a spacing separator to be included in CommScope twisted pair cable. This drawing is attached hereto as Exhibit A. The drawing, which was prepared by Richard Compton under my supervision, illustrates the design for the die to be employed in extruding the spacing separator. The portion of the drawing labeled "DETAIL" is a cross-section of the tool and illustrates the cross-section of the spacing separator to be made with the tool. As can be seen from the DETAIL portion of the drawing, the spacing separator was be an elongate member have four radially-extending portions, each of which had inner sections

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of substantially constant thickness and outer sections that tapered from thin to thick with increasing radial distance from the center of the spacing separator. In the legend of the drawing, the date "5-16-97" appears, which indicates that the drawing was finalized on May 16, 1997.

4. After this drawing was generated, the tool was constructed. This was completed on or about May 23, 1997.

5. Once the tool was completed, it was attached to an extruder, and cable was made with a spacing separator formed with the tool on or about June 26, 1997. This is evidenced by the document entitled "Project Plan" and numbered "NPDP# 0098, attached hereto as Exhibit B. In the line labeled "2<sup>nd</sup> trial with special tooling", the date 6/26/97 appears followed by my initials, which indicates that the cable was completed on that date with the tooling illustrated in Exhibit A. The cable included four twisted pairs of insulated conductors. As was our practice at the time (and still is our practice), the twisted pairs had different lay lengths of twisting.

6. As part of my duties as a CommScope employee, I oversaw the creation of the drawing, the construction of the tool, and the making of the cable, and therefore am familiar with these events.

7. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



Thomas J. Boucino



Date

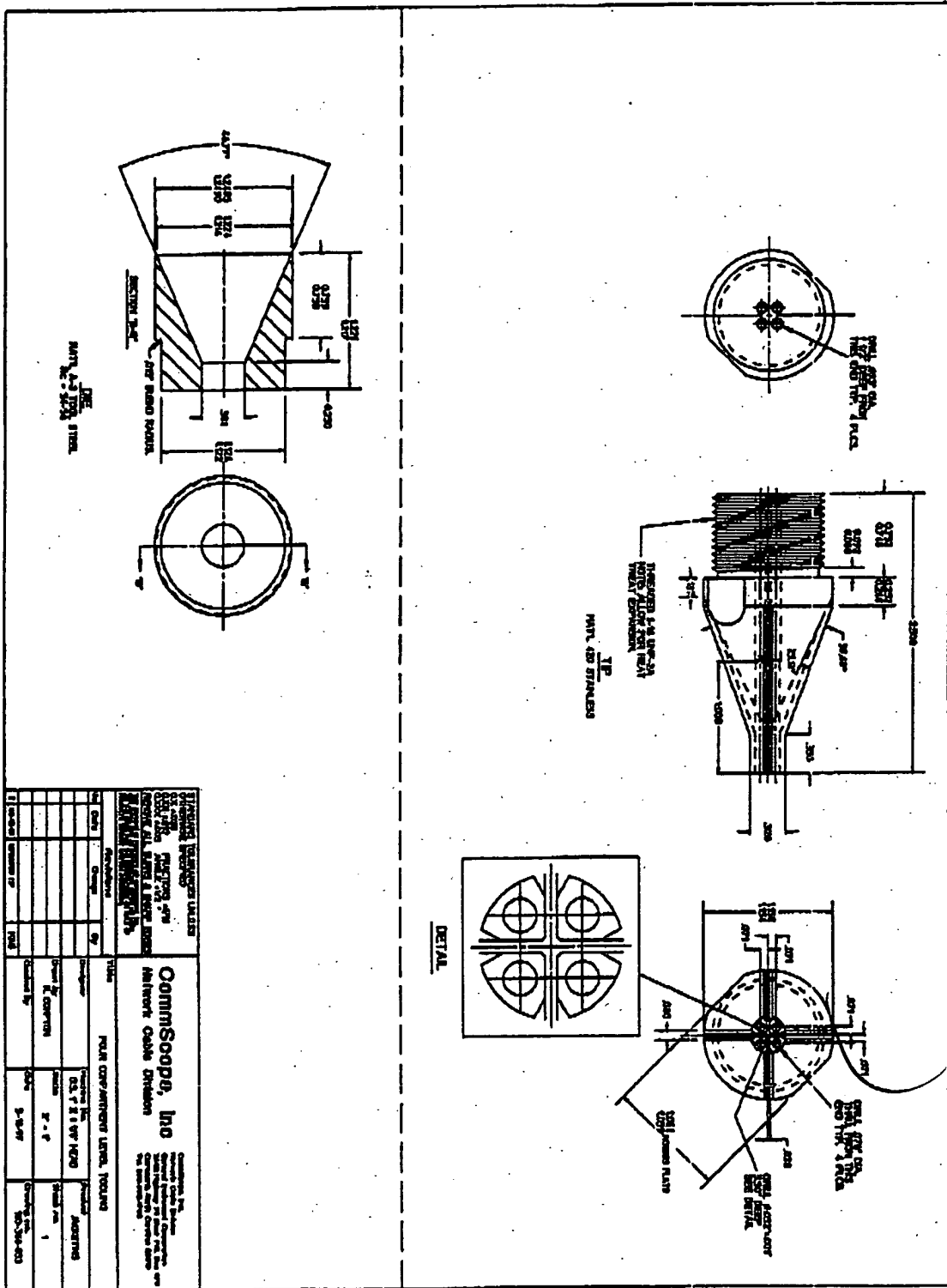


EXHIBIT "A"

# Project Plan

NPDP# 0098

Title: Individually Segmented  
UTP

Starting Date: 5/1/97

Engineer: Tom Boucino / Mahesh Patel

**Plan Revision:** \_\_\_\_\_

Initials: EB

[illegible]

**COMMENTS:**

**Initial Schedule.**  
Form #PD 13 (3/97)

**EXHIBIT "B"**